

Applicati n No. 09/825,918

In view of the foregoing, it is respectfully submitted that all of the pending claims of the subject patent application are in a condition for immediate allowance. Reconsideration and an early allowance is therefore respectfully requested.

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Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES

IN THE CLAIMS

Please cancel claims 2-21 without prejudice.

Please add new claims 22 to 24 as follows:

- [2. A pickup comprising:
an upper coil;
a lower coil;
a non-magnetized planar ferromagnetic plate interposed between said upper and lower coils, said plate having at least one opening; and
a magnetic pole piece extending from the upper coil to the lower coil through said opening in the planar ferromagnetic plate.]
3. The pickup of claim 2, wherein said upper coil is wound around an upper bobbin.
4. The pickup of claim 2, wherein said lower coil is wound around a lower bobbin.
5. The pickup of claim 2, wherein the ends of said ferromagnetic plate terminates above the lower coil.
6. The pickup of claim 2, wherein the ferromagnetic plate includes steel.--
7. The pickup of claim 2, further including a plurality of magnetic pole pieces extending from the upper coil to the lower coil.
8. The pickup of claim 2, wherein the magnetic pole piece extends above the upper coil.
9. A pickup comprising:
an upper coil;
a lower coil;
a non-magnetized planar ferromagnetic plate interposed between said upper and lower coils, said planar ferromagnetic plate having at least one hole therethrough; and
a magnetic pole piece extending from above the upper coil to below the lower coil through said hole of the planar ferromagnetic plate.
10. The pickup of claim 9, further including an upper bobbin to which the upper coil is wound around, and a lower bobbin to which the lower coil is wound around.
11. The pickup of claim 10, further including ferromagnetic screws for securing said upper bobbin, ferromagnetic plate, and said lower bobbin in a stacked arrangement.

12. The pickup of claim 11, wherein said ferromagnetic screws include steel.
13. The pickup of claim 9, further including at least one ferromagnetic cylinder situated within said upper coil.
14. The pickup of claim 9, further including a plurality of magnetic pole pieces extending from above the upper coil to below the lower coil through respective holes in the planar ferromagnetic plate.
15. The pickup of claim 9, wherein the ferromagnetic plate includes steel.
16. A pickup comprising:
 - an upper coil;
 - a lower coil;
 - a non-magnetized planar ferromagnetic plate interposed between said upper and lower coils, said planar ferromagnetic plate having at least one hole therethrough; and
 - a magnetic pole piece extending from within the upper coil to within the lower coil through said hole of the planar ferromagnetic plate.
17. The pickup of claim 16, further including an upper bobbin to which the upper coil is wound around, and a lower bobbin to which the lower bobbin is wound around.
18. The pickup of claim 17, further including ferromagnetic screws for securing said upper bobbin, ferromagnetic plate, and said lower bobbin in a stacked arrangement.
19. The pickup of claim 18, wherein said ferromagnetic screws include steel.
20. The pickup of claim 16, further including at least one ferromagnetic cylinder situated within said upper coil.
21. The pickup of claim 16, further including a plurality of magnetic pole pieces extending from above the upper coil to below the lower coil through respective holes of the planar ferromagnetic plate.]
22. A pickup comprising:
 - an upper coil;
 - a lower coil; and
 - a single, uniformly flat non-magnetized ferromagnetic plate disposed between the upper coil and the lower coil.

Application No. 09/825,918

23. The pickup as recited in claim 22, further comprising at least one magnetic pole piece disposed partially within the upper coil and disposed partially within the lower coil and extending through at least one hole in the ferromagnetic plate.

24. The pickup as recited in claim 23, wherein at least one magnetic pole piece extends from above the upper coil to the lower coil.